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* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page UPLs for STN Seminar Schedule N. America
 NEWS 2 Apr 03 "Ask CAS" for self-help around the clock
 NEWS 3 Jun 03 New e-mail delivery for search results now available
 NEWS 4 Aug 03 PHARMAMarketLetter(PHARMAML) - new on STN
 NEWS 5 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
 now available on STN
 NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced
 NEWS 7 Sep 03 CAPID has been reloaded and enhanced
 NEWS 8 Sep 16 Experimental properties added to the REGISTRY file
 NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA
 NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
 NEWS 11 Oct 24 BEILSTEIN adds new search fields
 NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
 NEWS 13 Nov 18 DRILLIT has been renamed APOLLIT
 NEWS 14 Nov 25 More calculated properties added to REGISTRY
 NEWS 15 Dec 04 CSA files on STN
 NEWS 16 Dec 17 ECTFULL now covers WP/PCR Applications from 1978 to date
 NEWS 17 Dec 17 TOXCENTER enhanced with additional content
 NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
 NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
 ENERGY, INSPEC
 NEWS 20 Feb 13 CANCERLIT is no longer being updated
 NEWS 21 Feb 24 METADEX enhancements
 NEWS 22 Feb 24 ECTGEN now available on STN
 NEWS 23 Feb 24 TEMA now available on STN
 NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
 NEWS 25 Feb 26 ECTFULL now contains images
 NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
 NEWS 27 Mar 14 APOLLIT offering free connect time in April 2000
 NEWS 28 Mar 20 EVENTLINE will be removed from STN
 NEWS 29 Mar 24 PATDPAPULL now available on STN
 NEWS 30 Mar 24 Additional information for trade-named substances without
 structures available in REGISTRY
 NEWS 31 Apr 11 Display formats in DGENE enhanced
 NEWS 32 Apr 14 MEDLINE Reload
 NEWS 33 Apr 17 Polymer searching in REGISTRY enhanced
 NEWS 34 Apr 21 Indexing from 1947 to 1986 being added to records in CA CAPLUS
 NEWS 35 Apr 21 New current awareness alert (SDI) frequency in
 EPIDS/WPINDEX WPINX
 NEWS 36 Apr 28 EDISCLOSURE now available on STN
 NEWS 37 May 05 Pharmacokinetic information and systematic chemical names
 added to PHAR

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT

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MACINTOSH VERSION IS V6.00b ENG AND V6.00b UP ,
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:07:33 ON 05 MAY 2003

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:07:41 ON 05 MAY 2003

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Property values tagged with IC are from the SIC/VINIT1 data file
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STRUCTURE FILE UPDATES: 4 MAY 2003 HIGHEST RN 510703-80-7
DICTIONARY FILE UPDATES: 4 MAY 2003 HIGHEST RN 510703-80-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

Uploading 09982157e.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

Gulam Shameem

C

N

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N

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Ak

H

O

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 12:08:00 FILE 'REGISTRY'

SAMPLE SCPEEN SEARCH COMPLETED - 38 TO ITERATE

100.0% PROCESSED 38 ITERATIONS

6 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 391 TO 1129

PROJECTED ANSWERS: 6 TO 265

L2 6 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 12:08:08 FILE 'REGISTRY'

FULL SCPEEN SEARCH COMPLETED - 863 TO ITERATE

100.0% PROCESSED 863 ITERATIONS

82 ANSWERS

SEARCH TIME 00.00.01

L3 82 SEA SSS FUL L1

=> FIL CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.15

148.36

Golam Shameem

FILE 'CAPLUS' ENTERED AT 12:09:13 ON 05 MAY 2003
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FILE COVERS 1907 - 5 May 2003 VOL 138 ISS 19
FILE LAST UPDATED: 4 May 2003 (20030504/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

L4 26 L3

=> s 13/p

L5 26 L3/P

=> s 15 and py<=2000

20609892 PY<=2000

L6 12 L5 AND PY<=2000

=> e william p/ au 25

E1	1	WILLIAM OLSSON TOM/AU
E2	1	WILLIAM ORR G/AU
E3	1 -->	WILLIAM P/AU
E4	1	WILLIAM P INRIE/AU
E5	1	WILLIAM PAUL/AU
E6	1	WILLIAM PETER/AU
E7	6	WILLIAM R/AU
E8	8	WILLIAM R D/AU
E9	1	WILLIAM R H/AU
E10	1	WILLIAM R S/AU
E11	1	WILLIAM R S JR/AU
E12	4	WILLIAM RAY D/AU
E13	1	WILLIAM RAYMOND JR AU
E14	1	WILLIAM REGINALD B AU
E15	1	WILLIAM RICHARD AU
E16	1	WILLIAM RICHARD K AU
E17	1	WILLIAM RICHARD M AU
E18	1	WILLIAM RICHARD O AU
E19	1	WILLIAM ROBERT H AU
E20	1	WILLIAM ROBOERT O III AU
E21	1	WILLIAM ROGER AU
E22	1	WILLIAM RONALD AU
E23	1	WILLIAM ROSS AU
E24	1	WILLIAM RUSSELL AU
E25	1	WILLIAM RYAN L AU

=> s e3

L7 1 "WILLIAM P".AU

=> d ibib abs hitstr l7 tot

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1998:657246 CAPLUS

DOCUMENT NUMBER: 129:333257

TITLE: Study of electrode materials for lithium ion batteries

AUTHOR(S): William, P.; Delmas, C.; Peres, J. P.; Najl, A.; Ghanbaja, J.; Billaud, D.; Broussely, M.; Perton, F.; Biensan, Ph.

CORPORATE SOURCE: CNES Department AE, SE AC, Toulouse, 31401, Fr.

SOURCE: European Space Agency, [Special Publication] SP (1998), SP-416(Vol. 2, Fifth European Space Power Conference, 1998, Vol. 2), 493-498

CODEN: ESPUD4; ISSN: 0379-6566

PUBLISHER: ESA Publications Division

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Electrochem. behavior of both pos. and neg. electrodes materials of lithium-ion cells have been studied. Li1-zNi1+zO2 pos. material exhibits the best electrochem. performances for low values of z ($z < 0.03$) corresponding to material having a small amt. of extra Ni^{2+} ions in the interslab space. The loss of reversibility at the first cycle is related to the oxidn. process of these Ni^{2+} ions which induces a "spot welding" of the slabs. X-rays characterization of lithium nickel oxide having undergone 1200 charge/discharge cycles shows no evidence of structural modification. Reversible intercalation of unsolvated lithium into graphite electrodes has been carried out using electrolytes contg. up to 95% of propylene carbonate (PC). Moreover reversible charge/discharge cycling may be performed in pure PC based electrolyte by using graphite electrodes treated by: (i) previously forming a passivating layer by reducing graphite in ethylene carbonate or chloroethylene carbonate (CEC) based electrolytes (ii) previously wetting graphite in CEC.

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 12:07:33 ON 05 MAY 2003)

FILE 'REGISTRY' ENTERED AT 12:07:41 ON 05 MAY 2003

L1 STRUCTURE UNLOADED

L2 6 S L1

L3 82 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 12:08:13 ON 05 MAY 2003

L4 26 S L3

L5 26 S L3.P

L6 12 S L5 AND PY4=2000

E WILLIAM P AU 25

L7 1 S E3

=> d ibib abs hitstr l6 tot

L6 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:384192 CAPLUS

DOCUMENT NUMBER: 133:30719

TITLE: Oxazolidinone antibacterial agents having a thiocarbonyl functionality
 INVENTOR S.: Hester, Jackson B., JR.; Nidy, Eldon George; Perricone, Salvatore Charles; Poel, Toni-jo
 PATENT ASSIGNEE S.: Pharmacia & Upjohn Company, USA
 SOURCE: PCT Int. Appl., 183 pp.
 CODEN: PIMXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000032599	A1	20000608	WO 1998-US25308	19981127 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HP, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, PQ, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GM, GN, ML, MR, NE, SN, TD, TG				
AU 9917053	A1	20000619	AU 1999-17053	19981127 <--
EP 1133493	A1	20010919	EP 1998-961822	19981127
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002531455	T2	20020924	JP 2000-585241	19981127
PRIORITY APPLN. INFO.:			WO 1998-US25308	A 19981127
OTHER SOURCE S.):			MARPAT 123:30719	
GI				

R23

O

E2

N

N

O

S

(CH₂)_n

R24

NH R1 I

O

O

N

N

O

S

F

NH Me II

AB The title compds. I (wherein E2 = SO₂, S=O, S, O, or unsubstituted NH; n = 0-3; R23 and R24 = independently H or F; R1 = H, NH₂, NH-alkyl, N-alkyl-2, aziridinyl, azetidyl, pyrrolidinyl, piperidinyl, alkylthio, alkoxy-carbonyl, CN, or cycloalkyl) were prepd. by various methods, including conversion of the corresponding amides to alkylthioureas or thioamides. Replacement of the O atom with S atom unexpectedly improved the antimicrobial properties of the compds. For example, II was prepd. by treating the corresponding acetamide with Lawesson's Reagent. II inhibited growth of tested gram pos. organisms at concns. 2-4 times lower

than the comparison carbonyl contg. compd.

IT 216869-43-1P 216869-44-2P 216869-45-3P
 273376-94-6P 273376-95-7P 273376-96-8P
 273376-98-0P 273377-03-0P 273377-04-1P
 273377-08-5P

EL: PCT: Reactant ; SPN: Synthetic preparation ; PREP: Preparation ; PACT: Reactant or reagent

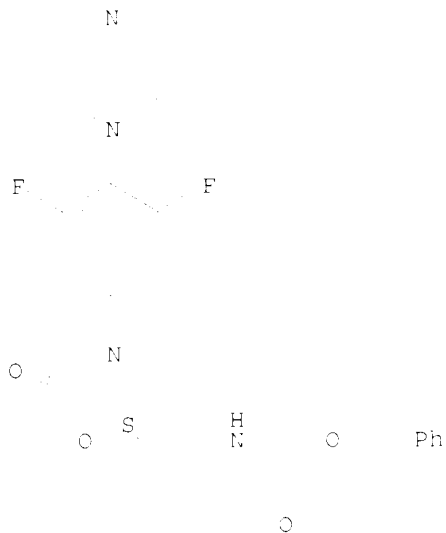
prepn. of antibacterial oxazolidinone alkyl thiocamides or thioureas from the corresponding amides or amines

RN 216869-43-1 CAPLUS

CN 1: Piperazinecarboxylic acid, 4-[2,6-difluoro-4-[[5S]-2-oxo-5-[[[phenylmethoxy-carbonyl]amino[methyl]-3-oxazolidinyl]phenyl]]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

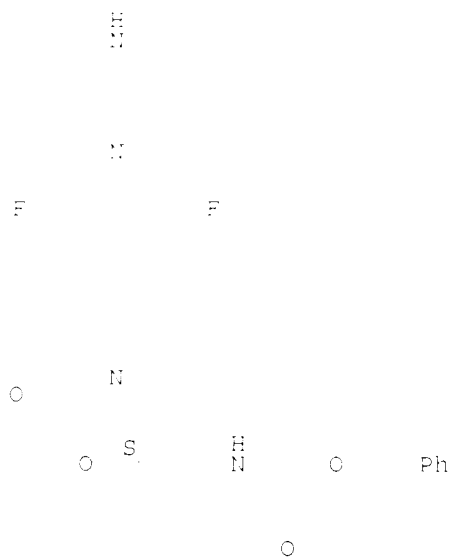
t-BuO O



RN 216869-44-2 CAPLUS

CN Carbamic acid, [[1S]-3-[3,5-difluoro-4-(1-piperazinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

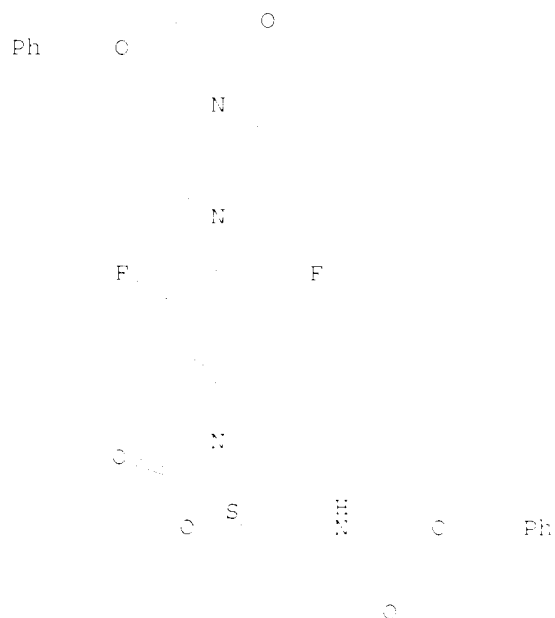
Absolute stereochemistry.



RN 216869-45-3 CAPLUS

CN Carbamic acid, [[(5S)-3-{3,5-difluoro-4-[4-[(phenylmethoxy)acetyl]-1-piperazinyl]phenyl]-2-oxo-5-oxazolidinyl]methyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

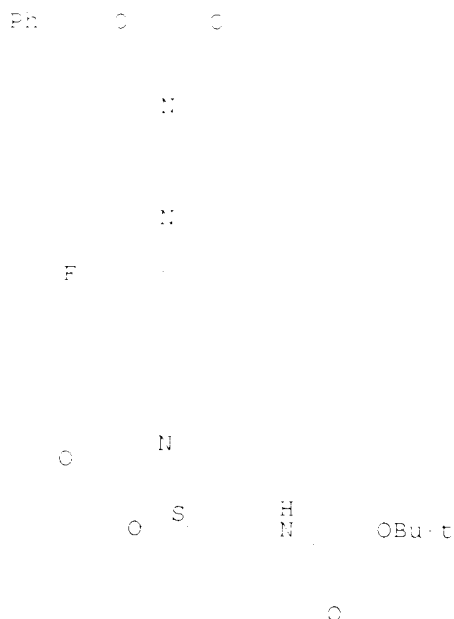


RN 273376-94-6 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[4-[(5S)-5-[[[1,1-dimethylethoxy]carbonyl]amino]methyl]-2-oxo-3-oxazolidinyl]-2-fluorophenyl], phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Golam Shameem



RN 273376 95-7 CAPLUS
 CN Carbamic acid, [[[5S]-3-[3-fluoro-4-(1-piperazinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 273376 96-8 CAPLUS
 CN Carbamic acid, [[[5S]-3-[4-(4-acetyl-1-piperazinyl)-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Ac

N

N

F

O N

C S H
N OBut

O

RN 273376-98-0 CAPLUS

CN Carbamic acid, [[[5S]-3-[3-fluoro-4-(4-formyl-1-piperazinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

CHO

N

N

F

O N

C S H
N OBut

O

RN 273377-03-0 CAPLUS

CN Carbamic acid, [[[5S]-3-[3-fluoro-4-tetrahydro-1,4-thiazepin-4-yl]phenyl]-2-oxo-5-oxazolidinyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Golam Shameem

(c) $\frac{1}{2}$ (d) $\frac{1}{3}$ (e) $\frac{1}{4}$ (f) $\frac{1}{5}$

RN 273377-04-1 CAPLUS
CN Carbamic acid, [(5S)-3-[3-fluoro-4-(tetrahydro-1-oxido-1,4-thiazepin-4(5H)-yl)phenyl]-2-oxo-5-oxazolidinyl)methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PN 273377-08-5 CAPLUS
CN Carbanic acid, [[1,5S]-3-[3-fluoro-4-(tetrahydro 1,1-dioxido-1,4-thiazepin-4-5H)-phenyl]-2-oxo-5-oxazolidinylmethyl]-, 1,1-dimethylethyl ester (9CI) -CA INDEX NAME

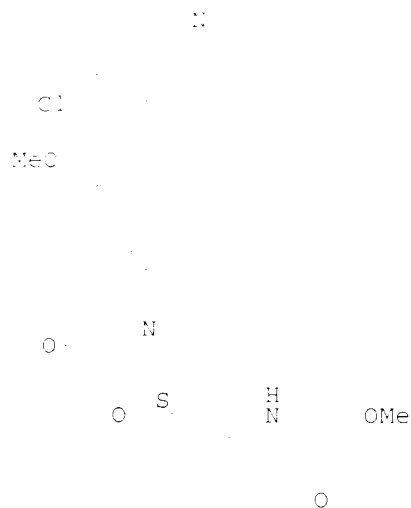
Absolute stereochemistry.

Golam Shameem

RN 220059-89-2 CAPLUS

CN Carbamic acid, [[(5S)-3-[4-(4-chloro-3-pyridinyl)-3-methoxyphenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

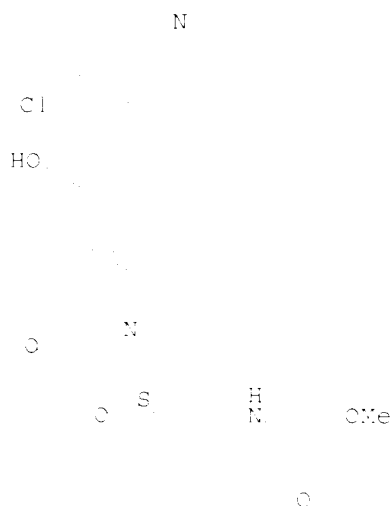
Absolute stereochemistry.



RN 220059-93-3 CAPLUS

CN Carbamic acid, [[(5S)-3-[4-(4-chloro-3-pyridinyl)-3-hydroxyphenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCE AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1998:794995 CAPLUS

DOCUMENT NUMBER: 130:38373

Golam Shameem

TITLE: Preparation of thiocarbonylthiazolidinones as antibacterial agents

INVENTOR S : Hester, Jackson B., Jr.; Nidry, Eldon George; Perricone, Salvatore Charles; Poel, Toni-jo

PATENT ASSIGNEE S : Pharmacia & Upjohn Company, USA; Hester, Jackson B., Jr.

SOURCE: PCT Int. Appl., 118 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

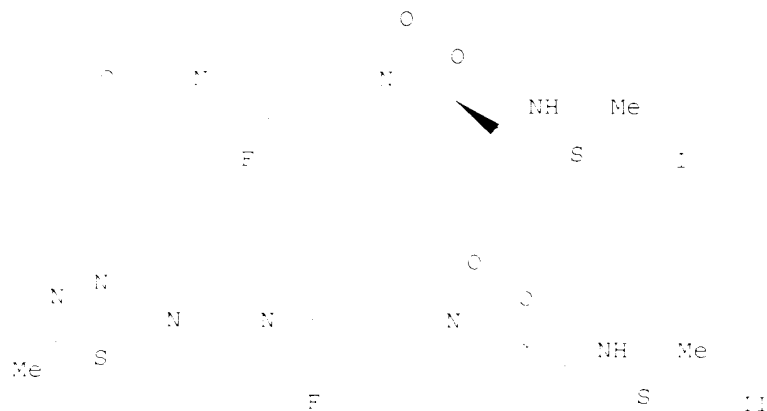
FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9854161	A1	19981203	WO 1998 US9889	19980518 <--
R: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LP, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, BG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BU, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9874383	A1	19981230	AU 1993-74383	19980513 <--
AU 737996	B2	20010906		
EP 984947	A1	20000315	EP 1993-921303	19980513 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
BE 9815518	A	20001121	BP 1993-15518	19980518 <--
NZ 501412	A	20011130	NZ 1993-501412	19980518
JP 2002501530	T2	20020115	JP 1999-500722	19980518
NO 9905846	A	20000118	NO 1999-5846	19991129 <--
FI 9902555	A	19991130	FI 1999-2555	19991130 <--
MX 9911069	A	20000430	MX 1999-11069	19991130 <--
PRIORITY APPLN. INFO.:			US 1997-48342P	P 19970530
			WO 1998-US9889	W 19980518

OTHER SOURCE(S): MARPAT 130:38373

GI



AB Chiral title compds. AGCH2NHCSPh [A is unsubstituted Ph, indolyl]; G is

Golam Shameem

2-oxo-5-oxazolidinyl; R is H, NH₂, alkyl, cycloalkyl, etc.) or pharmaceutical acceptable salts are prepd., from amines with Lawesson's Reagent or 1,1'-thiocarbonyldi-2,1H-pyridone, as antibacterial agents. Title compds. I and II were tested in vitro by std. agar diln. method.

II 216869-43-1P 216869-44-2P 216869-45-3P

PL: RCT: Reagent; SPN: Synthetic preparation; PREP: Preparation; RACT: Reagent or reagent prepn. of thiocarbonyloxazolidinones as antibacterial agents

RN 216869-43-1 CAPLUS

CN 1 Piperazinecarboxylic acid, 4-[2,6-difluoro-4-[(5S)-2-oxo-5-[[[phenylmethoxy carbonyl]amino]methyl]-3-oxazolidinyl]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

t-BuO O

N

N

F

F

O

N

O

S

H

N

O

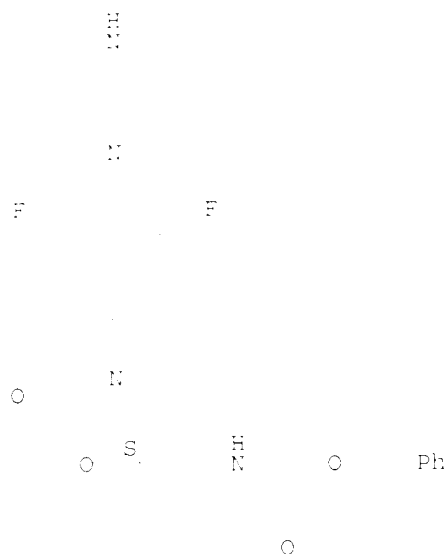
Ph

O

RN 216869-44-2 CAPLUS

CN Carbamic acid, [[(5S)-3-[3,5-difluoro-4-[(1-piperazinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 216869-45-3 CAPLUS

CN Carbamic acid, [[[5S]-3-[3,5-difluoro-4-[4-[(phenylmethoxy)acetyl]-1-piperazinyl]phenyl]-2-oxo-5-oxazolidinyl]methyl]-, phenylmethyl ester
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:324112 CAPLUS
DOCUMENT NUMBER: 126:093348

Golan Shameem

TITLE: Preparation of 5 acylaminomethyl-3 N-oxidoheterocyclyl phenyl-2-oxazolidinones as antibacterial prodrugs

INVENTOR S : Gadwood, Robert C ; Kamdar, Bharat M.

PATENT ASSIGNEE S : Upjohn Co., USA; Gadwood, Robert C.; Kamdar, Bharat M.

SOURCE: PCT Int. Appl., 84 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

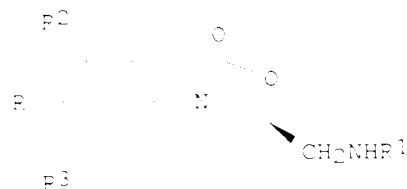
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9710223	A1	19970320	WO 1996-US14135	19960909 <--
K: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI				
AU 6060640	A1	19970101	AU 1996-69640	19960909 <--
JP 11512429	T2	19991026	JP 1996-511993	19960909 <--
EP 1019385	A1	20000719	EP 1996-930676	19960909 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI				
US 6277985	B1	20010821	US 1996-709998	19960909
US 2001051722	A1	20011213	US 2001-694019	20010628
US 6512112	B2	20030128		
US 2002107402	A1	20020908	US 2001-988076	20010628
US 6441188	B2	20020617		
US 2002120152	A1	20020829	US 2001-988079	20010628
US 6515135	B2	20030204		
US 2002177707	A1	20021128	US 2001-988076	20010628
US 6525193	B2	20030225		
US 6518427	B1	20030211	US 2001-988077	20010628
PRIORITY APPLN. INFO.:				
			US 1995-3838P	P 19950915
			US 1996-709998	A3 19960909
			WO 1996 US14135	W 19960909

OTHER SOURCE S: MARPAT 126:293348

GI



AB Title compds. [I]; R = N attached N-oxido-hetero(bi)cyclyl; R₁ = CHO, Ac, CO₂Me, etc.; R₂, R₃ = H, F, Cl were prepd. Thus, I (R = 4-hydroxyacetyl-1-piperazinyl, R₁ = Ac, R₂ = F, R₃ = H) was oxidized to give I (R = 4-hydroxyacetyl-1-oxido-1-piperazinyl, R₁ = Ac, R₂ = F, R₃ = H). Data for biol. activity of I were given.

IT 189038-48-0P

FL: BAC Biological activity or effector, except adverse ; BSU Biological study, unclassified ; SPN Synthetic preparation ; THU Therapeutic use ; BICL Biological study ; PREP Preparation ; USES Uses
 prepn. of 5-acylaminomethyl 3-N-oxidoheterocyclyl phenyl-2-oxazolidinones as antibacterial prodrugs

RN 189038 48 0 CAPLUS

CN Carbamic acid, [[3-[3-fluoro-4-(4-oxido-4-morpholinyl)phenyl] 2-oxo 5-oxazolidinyl)methyl], methyl ester, S 901 CA INDEX NAME

Absolute stereochemistry.



L6 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1996:753781 CAPLUS

DOCUMENT NUMBER: 126:13862

TITLE: Preparation of N-(oxobenzoxazol-6-yl)oxazolidinones and analogs as antibacterial agents

INVENTOR(S): Stollé, Andreas; Haebich, Dieter; Bartel, Stephan; Riedl, Bernd; Ruppelt, Martin; Wild, Hanno; Endermann, Rainer; Bremm, Klaus-Dieter; Kroll, Hein-Peter; et al.

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: Eur. Pat. Appl., 117 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

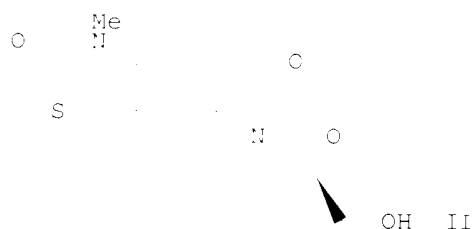
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 738726	A1	19961023	EP 1996 105539	19960409 <--
EP 738726	B1	20010926		
R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
DE 19544106	A1	19961024	DE 1995-19544106	19951127 <--
AT 206120	E	20011015	AT 1996-105539	19960409
ES 2164182	T3	20020216	ES 1996-105539	19960409
US 6069160	A	20000530	US 1996-631516	19960412 <--
JP 08301869	A2	19961119	JP 1996-117117	19960416 <--

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AU 9650735	AI 19961031	AU 1996-50735	19960417
AU 705071	BD 19990613		
CA 2174473	AA 19961022	CA 1996-2174473	19960418
NO 9601559	A 19961022	NO 1996-1559	19960419
EA 9603138	A 19961104	EA 1996-3138	19960419
CN 1138582	A 19961226	CN 1996-106152	19960419
BP 9602016	A 19980407	BP 1996-2016	19960422
CN 1161336	A 19971008	CN 1997-102064	19970118
PRIORITY APPLN. INFO.:		DE 1996-19514769	A 19960421
		DE 1996-19544106	A 19961121
OTHER SOURCE S :	MARPAT 126:18862		
GI			



AB Title compds. [I; R = e.g., oxobenzoxazol-6-yl, etc.; R1 = N3, (protected)hydroxy, acyloxy, alkylsulfonyloxy, NR4R5, etc.; R4,R5 = H, alkyl, Ph, etc.] were prepd. Thus, 6-benzyloxycarbonylamino-3-methyl-2-benzothiazolinone (prepn. given) was cyclocondensed with (R)-glycidyl butyrate to give title compd. II. Data for antibacterial activity of selected I were given.

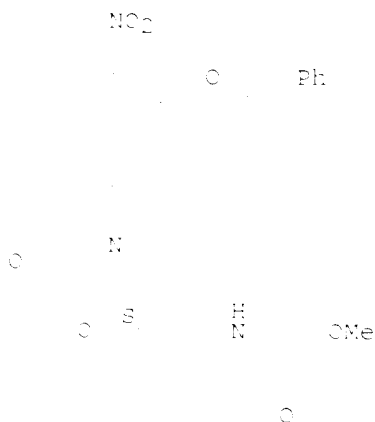
IT 184159-13-5P 184159-14-6P 184159-16-8P
184159-17-9P 184159-21-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); PACT (Reactant or reagent)
(prepn. of N-(oxobenzoxazol-6-yl)oxazolidinones and analogs as antibacterial agents)

PN 184159-13-5 CAPLUS

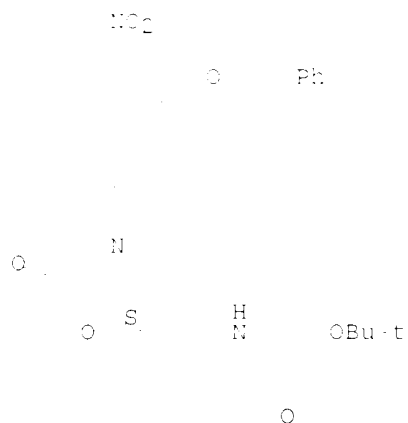
CN Carbamic acid, [[3-[4-nitro-3-(phenylmethoxy)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



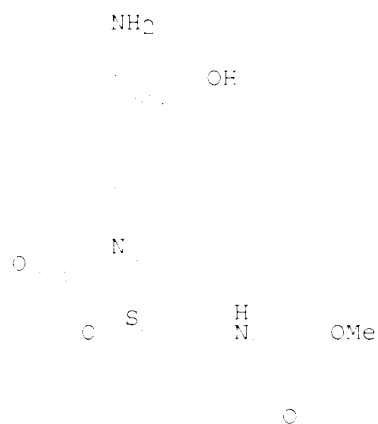
RN 184159-14-6 CAPLUS
 CN Carbamic acid, [(3-[4-nitro-3-phenylmethoxyphenyl]-2-oxo-5-oxazolidinyl)methyl], 1,1-dimethylethyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



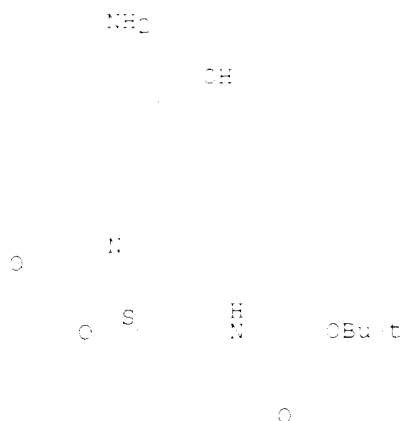
RN 184159-16-8 CAPLUS
 CN Carbamic acid, [(3-(4-amino-3-hydroxyphenyl)-2-oxo-5-oxazolidinyl)methyl]-, methyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



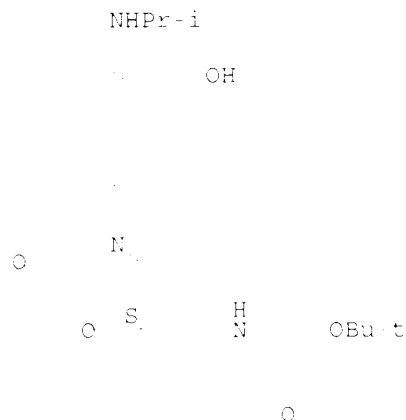
RN 184159-17-9 CAPLUS
 CN Carbamic acid, [(3-(4-amino-3-hydroxyphenyl)-2-oxo-5-oxazolidinyl)methyl]-, 1,1-dimethylethyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

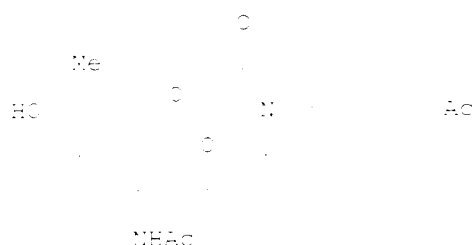


RN 184159 21 5 CAPLUS
 CN Carbamic acid, [[3-[[3-hydroxy-4-[(1-methylethylamino)phenyl]-2-oxo-5-oxazolidinyl]methyl]-1,1-dimethylethyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L6 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1996:182810 CAPLUS
 DOCUMENT NUMBER: 124:343896
 TITLE: N-Glycosidoxazolidinones as restricted-conformation
 analogs of the N-aryloxazolidinone antibiotic DuP 721
 AUTHOR S.: Villette, T.; Denis, A.; Agouridas, K.; le Goffic, F.;
 Champion, N.
 CORPORATE SOURCE: Foussel Uclaf, Pomainville, 93235, Fr.
 SOURCE: Carbohydrate Letters 1996, 1-6, 441-7
 CODEN: CLETEC; ISSN: 1073-5070
 PUBLISHER: Harwood
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 QT



AB The synthesis of two rigidified bicyclic structural analogs of DuP 721 is described. These N-glycosidoxazolidinones, e.g. 1, are obtained by aq. acid cyclocarbamatation of 2-carbonyl Me glycosides as the key reaction, the mechanism of which has been elucidated. None of these title N-glycosidoxazolidinones had any antibacterial activity.

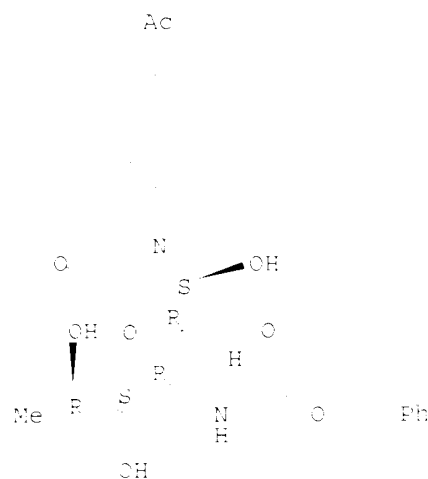
IT **176686-33-2P**

RL: SPN (Synthetic preparation); PPEP (Preparation);
prepn. and antiviral activity of glycosidoxazolidinones as
restricted-conformation analogs of the N-aryloxazolidinone antibiotic
DuP 721

RN 176686-33-2 CAPLUS

CN Carbamic acid, [1-[3-(4-acetylphenyl)-4-hydroxy-2-oxo-5-oxazolidinyl]-2,3-dihydroxybutyl]-, phenylmethyl ester, [4S-[4.alpha.,5.alpha.(1S*,2P*,3S*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L6 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1995:846312 CAPLUS

DOCUMENT NUMBER: 123:266742

TITLE: Preparation of substituted oxazine- and
thiazineoxazolidinone antibiotics

INVENTOR(S): Barbachyn, Michael R.; Brickner, Steven J.;
Hutchinson, Douglas K.

PATENT ASSIGNEE(S): Upjohn Co., USA

SOURCE: PCT Int. Appl., 37 pp.

CODEN: PIXXD2

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PATENT NO	KIND	DATE	APPLICATION NO	DATE
WO 9507171	A1	19950316	WO 1994-US8904	19940816 <--
WI: AM, AT, AU, BB, BG, BP, BW, CA, CH, CN, CZ, DE, DK, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LT, LU, LV, MC, MG, MN, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN				
PX: KE, MW, SD, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MF, NE, SN, TD, TG				
ZA 9405894	A	19960105	ZA 1994-5894	19940805 <--
CA 2168560	AA	19950316	CA 1994-2168560	19940816 <--
CA 2168560	C	20010814		
AU 9475570	A1	19950307	AU 1994 75570	19940816 <--
AU 687866	B2	19980305		
EP 717738	A1	19960626	EP 1994-925765	19940816 <--
EP 717738	B1	19991020		
FI: AI, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CN 1130379	A	19960904	CN 1994-193313	19940816 <--
CN 1054087	B	20001004		
JP 09502436	T2	19970311	JP 1994-508665	19940816 <--
AT 185804	E	19991115	AT 1994-925765	19940816 <--
ES 2139093	T3	20000201	ES 1994-925765	19940816 <--
JP 3176630	B2	20010618	JF 1995-508665	19940816
IL 110902	A1	20000928	IL 1994-110302	19940829 <--
US 5688792	A	19971118	US 1996-617877	19960303 <--
US 5880118	A	19990309	US 1997-886965	19970702 <--
LV 12605	B	20010620	LV 2000-142	20001020
PRIORITY APPLN. INFO.:			US 1993-119279	A 19930909
			US 1994 206158	A 19940411
			WO 1994 US8904	W 19940816
			US 1996 617877	A3 19960305

OTHER SOURCE(S): MARPAT 123:256742
GI

[illegible]

AB The title compds. [1; R = H, (un)substituted C1-8 alkyl, C3-6 cycloalkyl, (un)substituted NH₂, C1-8 alkoxy; R1 = H except when X is C, then R1 = H, CH₃, CN, CO₂H, CO₂R, etc.; R2 = H, F, Cl; R3 = H except when X is C and R1 is CH₃, then R3 = CH₃; X = O, S, SO, SO₂, etc.; n = 0-2], useful as antibiotics against gram-pos. aerobic bacteria (e.g., multiply resistant Staphylococci, Streptococci and Enterococci), as well as anaerobic organisms (e.g., Bacteroides species and Clostridia species), and acid-fast organisms (e.g., Mycobacterium tuberculosis, Mycobacterium avium etc.), are prepd. Thus, 19-N-[13-13 fluoro-4-(thiomorpholinyl)phenyl]-2-oxo-5-oxazolidinylmethylacetamide, prepd. from 3,4-difluoronitrobenzene in 6 steps, demonstrated a ED₅₀ for S. aureus (UC no. 9213) in injected mice

of 1.25 mg/kg, when administered p.o.

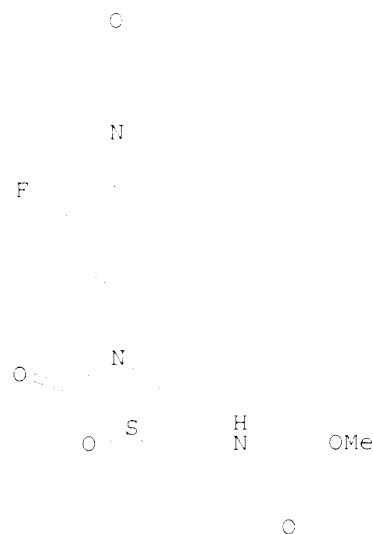
IT 168828-66-8P

RL: BAC Biological activity or effector, except adverse; BSU Biological study, unclassified; SPN Synthetic preparation; THU Therapeutic use; BICL Biological study; PREP Preparation; USES Uses
prepn. of substituted oxazine and thiazineoxazolidinone antibiotics

RN 168828-66-8 CAPLUS

CN Carbamic acid, [13-[3-fluoro-4-(4-morpholinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl-, methyl ester, S-9Cl CA INDEX NAME

Absolute stereochemistry.



L6 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1995:58488 CAPLUS

DOCUMENT NUMBER: 122:55927

TITLE: Synthesis and antimicrobial activity of oxazolidinones and related heterocycles

AUTHOR(S): Senesi, Pierfausto; Caspani, Marco; Ripamonti, Franca; Ciabatti, Romeo

CORPORATE SOURCE: Marion Merrell Dow Res. Inst., Lepetit Res. Cent., Geranzano, 21040, Italy

SOURCE: Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (19 1-1999) 1994, 16, 2345-51

CODEN: JCPRB4; ISSN: 0300-922X

DOCUMENT TYPE: Journal

LANGUAGE: English

01

Ac

C 1.



AB A series of 5 membered heterocycles, structurally related to known antibacterial 2-oxazolidinones were prepd. by modifying the model compd. 1. The antibacterial activity of compd. 1 was strongly affected by these modifications to the heterocycle, although none of these resulted in an improvement in the microbiol. activity. The physicochem. and antibacterial properties of the synthesized compds. are reported.

IT 159911-25-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. and bactericidal structure-activity relationship of oxazolidinones)

RN 159911-25-3 CAPLUS

CN Carbamic acid, [[3-(4-acetylphenyl)-2-oxo-5-oxazolidinyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Ac

N



C

L6 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1989:457600 CAPLUS

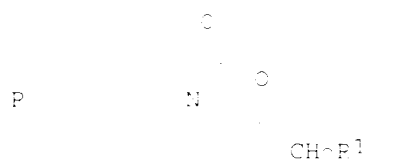
DOCUMENT NUMBER: 111:57600

TITLE: Antibacterials. Synthesis and structure-activity studies of 3-aryl-2-oxoxazolidinones. 1. The B group
 AUTHOR(S): Gregory, Walter A.; Brittelli, David P.; Wang, C. L. J.; Wubohla, Mark A.; McRipley, Ronald J.; Eustice, David C.; Eberly, Virginia S.; Slee, Andrew M.; Forbes, Martin; Bartholomew, P. T.

CORPORATE SOURCE: Exp. Stn., E. I. du Pont de Nemours and Co.,
 Wilmington, DE, 19898, USA

Gulam Shameem

SOURCE: Journal of Medicinal Chemistry 1989 ,
32:8 , 1673-81
CODEN: JMCMAJ; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE S : CASREACT 111:57600
GI



AB The synthesis and structure/activity studies of the effect of varying the B group in a series of oxazolidinone antibacterials I (R = MeOCH₃, Me, SO₂, Ac, etc.; R₁ ident. B = H, Me, OH, NHAc, etc.) are described. Two synthetic routes were used (1) alkylation of aniline with glycidol followed by dialkyl carbonate heterocyclization to afford I (R = H, R₁ isopropyl, B = OH), whose arene ring was further elaborated by using electrophilic arom. substitution methodol.; (2) cycloaddn. of substituted aryl isocyanates with epoxides. I with B = OH or Br were converted to other B functionalities by using S_N2 methodol. Antibacterial evaluation of compds. I with R = acetyl, iso-Pr, methylthio, methylsulfinyl, methylsulfonyl, and sulfonamido and a variety of different .beta. groups against *Staphylococcus aureus* and *Enterococcus faecalis* concluded that the compds. with B = aminoacyl, and particularly acetamido, were the most active of those examd. in each R series, possessing MIC's in the range of 0.5-4 .mu.g/mL for the most active compds. described.

IT 114992-44-8P 121373-08-8P

EL: EAC (Biological activity or effector, except adverse); ESU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. and bactericidal activity of)

RN 114992-44-8 CAPLUS

CN Carbamic acid, [[3-(4-acetylphenyl)-2-oxo-5-oxazolidinyl]methyl]-, methyl ester, (S) (9CI) (CA INDEX NAME)

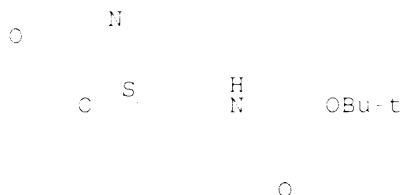
Absolute stereochemistry.



RN 121373 08-8 CAPLUS
 CN Carbamic acid, [[3- 4-acetylphenyl -2-oxo-5-oxazolidinyl)methyl]-,
 1,1-dimethylethyl ester, -S -9C1 CA INDEX NAME

Absolute stereochemistry.

Ac



L6 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1989:8198 CAPLUS

DOCUMENT NUMBER: 110:8198

TITLE: Preparation of (aminomethyl)phenyloxazolidinones as
 antibacterial agents

INVENTOR(S): Gregory, Walter A.

PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA

SOURCE: U.S., 47 pp. Cont.-in-part of U.S. Ser. No. 676,745,
 abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4705799	A	19871110	US 1985-803191	19851202 <--
CA 1254213	A1	19890516	CA 1984-455844	19840605 <--
EA 8404265	A	19861119	EA 1984-4265	19840606 <--
HU 196771	B	19890130	HU 1987-5132	19840606 <--
IL 77230	A1	19900610	IL 1985-77230	19851204 <--
CA 1275652	A2	19901030	CA 1988-580778	19881020 <--
NO 8902178	A	19841210	NO 1989-2178	19890530 <--
NO 169122	B	19920203		
NO 169122	C	19920513		

PRIORITY APPLN. INFO.:

US 1983-501897	19830607
US 1984-578332	19840214
US 1984-676745	19841205
CA 1984-455844	19840605
IL 1984-72028	19840605
NO 1984-2273	19840606
CA 1985-455844	19850402

OTHER SOURCES : CASREACT 110:8198

GI

Ghiam Shameem

Y C

N 2

A

CH₂B I

AB The title compds. [I; A = NO₂, SH, alkylsulfonyl, -sulfinyl, -sulfenyl, etc.; B = N₃, (substituted) amino; Y = H, F, Cl, Br, alkyl, NO₂; or AY = O(CH₂)_nO where n = 1, 2, or 3], useful as antibacterial agents for mammals, are prepd. A mixt. of I (A = 4-MeSO₂, B = OSO₂C₆H₄Me-4, Y = H) (prepn. given) and NaN₃ in DMF was heated at 90-100.degree. for 1 h to give I (A = 4-MeSO₂, B = N₃, Y = H). = H) (II). II showed a minimal inhibition concn. of 6.3 .mu.g/mL against Staphylococcus epidermidis.

IT 96800-03-2P 96800-04-3P 96800-25-8P
96800-38-3P 96800-39-4P 96800-40-7P
96800-42-9P 96800-47-4P 96800-48-5P
96800-54-3P 96800-57-6P 96800-79-2P
96844-81-4P 104392-62-3P 114992-44-8P
115006-79-6P 115021-31-3P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as antibacterial agent)

RN 96800-03-2 CAPLUS

CN Ethanethioic acid, S-[4-[5-[[[(methoxycarbonyl)amino]methyl]-2-oxo-3-oxazolidinyl]phenyl] ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

SAC

N

O

O S H
O N OMe

O

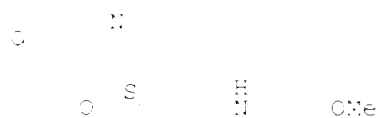
RN 96800-04-3 CAPLUS

CN Carbamic acid, [[3-[4-mercaptophenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Gulam Shameem

SH

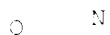


O

RN 96800-25-8 CAPLUS
 CN Carbamic acid, [[3-[4-(methylsulfonyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]
 , propyl ester (9CI) (CA INDEX NAME)

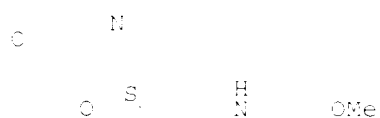
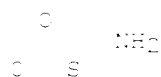
O

O S Me

CH₂ NH C OPr-n

RN 96800-38-3 CAPLUS
 CN Carbamic acid, [[3-[4-(aminosulfonyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-
 , methyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

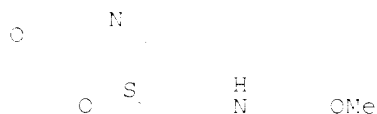
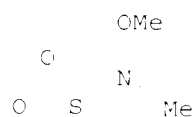


O

RN 96800-39-4 CAPLUS

CN Carbamic acid, [[3-[4-[(methoxymethylamino)sulfonyl]phenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

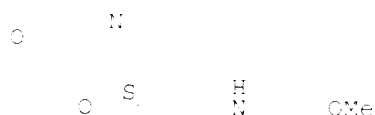
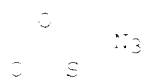


O

RN 96800-40-7 CAPLUS

CN Carbamic acid, [[3-[4-[azidosulfonyl]phenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester, (S)- (9CI) (CA INDEX NAME)

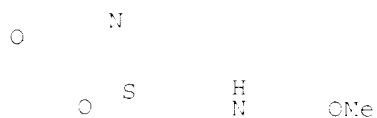
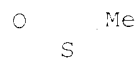
Absolute stereochemistry.



RN 96800-42 9 CAPLUS

CN Carbamic acid, [[3-[4-(methylsulfinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

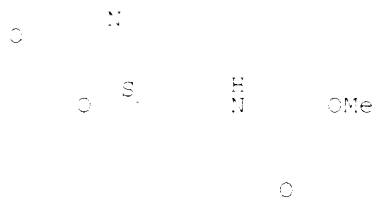


RN 96800-47-1 CAPLUS

CN Carbamic acid, [[3-[4-(methylthio)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

SMe

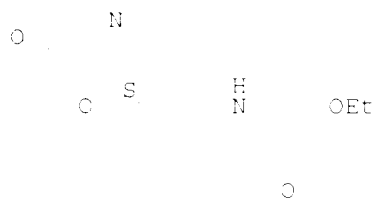


RN 96800-48-5 CAPLUS

CN Carbamic acid, [[3-[4-(methylthio)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, ethyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

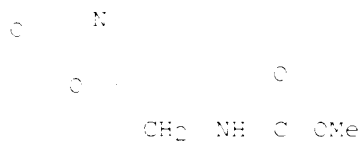
SMe



RN 96800-54-3 CAPLUS

CN Carbamic acid, [[3-[4-(1-methylethyl)phenyl]-2-oxo-5-oxazolidinyl]methyl], methyl ester (9CI) (CA INDEX NAME)

i Pr



Golam Shameem

RN 96800-57-6 CAPLUS

CN Carbamic acid, [[2-oxo-3-[4-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl], methyl ester 9CI CA INDEX NAME

CF₃

O N

O O

CH₂ NH C OMe

RN 96800-79-2 CAPLUS

CN Carbamic acid, [[3-[4-(methylsulfonyl)phenyl]-2-oxo-5-oxazolidinyl]methyl], methyl ester, (S)- (9CI) CA INDEX NAME

Absolute stereochemistry.

O Me
O S

O N

O S H
N OMe

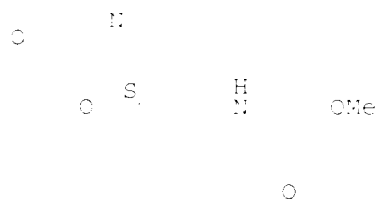
O

RN 96844-81-4 CAPLUS

CN Carbamic acid, [[3-[4-(1-methylethyl)phenyl]-2-oxo-5-oxazolidinyl]methyl], methyl ester, (S)- (9CI) CA INDEX NAME

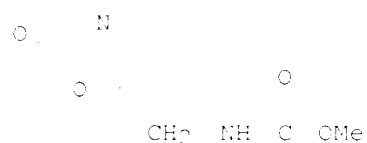
Absolute stereochemistry.

i-Pr



RN 104392 62 3 CAPLUS
 CN Carbamic acid, [[3-(4-chlorophenyl)-2-oxo-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

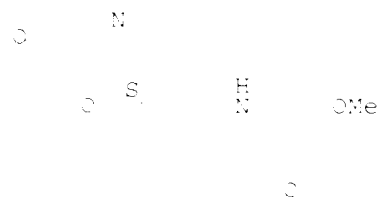
Cl



RN 114992 44 3 CAPLUS
 CN Carbamic acid, [[3-(4-acetylphenyl)-2-oxo-5-oxazolidinyl]methyl]-, methyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

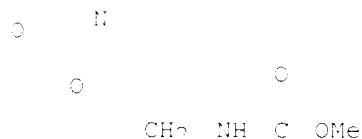
Ac



Golam Shameem

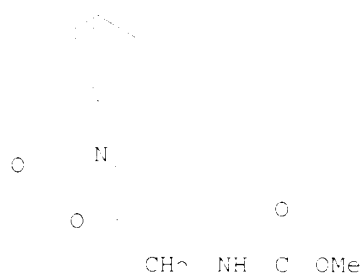
RN 115006 79-6 CAPLUS
 CN Carbamic acid, [[3-(4-ethylphenyl)-2-oxo-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

Et



RN 115021 31-3 CAPLUS
 CN Carbamic acid, [[3-(4-butylphenyl)-2-oxo-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

n-Bu



L6 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1986:572439 CAPLUS
 DOCUMENT NUMBER: 105:172439
 TITLE: Phenyl(aminomethyl)oxazolidinones as antibacterial agents
 INVENTOR(S): Gregory, Walter; Adelman
 PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA
 SOURCE: Eur. Pat. Appl., 53 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 184170	A2	19860611	EP 1985-115243	19851130
EP 184170	A3	19870902		
EP 184170	B1	19911016		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
CA 1260948	A1	19890926	CA 1985-496421	19851128

AT 88491	E	19911115	AT 1985-115043	19851130 <--
DM 8505618	A	19860606	DM 1985 5618	19851204 <--
DM 169103	B1	19940815		
FI 8504804	A	19860606	FI 1985 4804	19851204 <--
FI 82453	B	19901130		
FI 82453	C	19910311		
NO 8514883	A	19860606	NO 1985 4883	19851204 <--
NO 164540	B	19900709		
NO 164540	C	19901027		
JP 61134379	A2	19860621	JP 1985-271719	19851204 <--
HU 39436	A2	19860929	HU 1985-4642	19851204 <--
HU 194195	B	19880128		
ES 549579	A1	19870501	ES 1985 549579	19851204 <--
SU 1518317	A3	19891207	SU 1985-3988501	19851204 <--
IL 77230	A1	19900610	IL 1985-77230	19851204 <--
AU 8550816	A1	19870611	AU 1985-50816	19851205 <--
AU 611627	B2	19910620		
ZA 8509329	A	19870826	ZA 1985 9329	19851205 <--
PRIORITY APPLN. INFO.:			US 1984-676745	19841205
			IL 1984 72028	19840605
			EP 1985-115243	19851130

GI

R2 O

R1, N O

CH₂P³ I

AB Title compds. I (R1 = halo, alkynyl, acyl, etc.; R2 = H, F, Cl, Br, NO₂; R1R2 = alkylenedioxy; R3 = NH₂, acylamino, alkanesulfinylamino, alkanesulfonylamino, etc.), which showed antibacterial activity, were prepd. Thus, 4-ClC₆H₄NO₂ was cyclocondensed with epibromohydrin to yield I (R1 = 4-Cl, R2 = H, R3 = Br) which was treated with NaN₃, hydrogenated, and acylated with ClCO₂Me to give I (R1 = 4-Cl, R2 = H, R3 = NHCO₂Me) (II). In mice, II had an ED₅₀ of 79.2 mg/kg orally against *Staphylococcus aureus*.

IT 104392-62-3P

RL: BAC (Biological activity; or effector, except adverse); BSU (Biological study; unclassified); CBN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as antibacterial)

RN 104392-62-3 CAPLUS

CN Carbamic acid, [[3-[4-chlorophenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester (9CI) CA INDEX NAME

C1

N

O

C

CH₂ NH C OMe

L6 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1985:437470 CAPLUS
 DOCUMENT NUMBER: 103:27470
 TITLE: Aminomethyloxooxazolidinylbenzene derivatives useful
 as antibacterial agents
 INVENTOR(S): Gregory, Walter Adelman
 PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA
 SOURCE: Eur. Pat. Appl., 85 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 117902	A2	19841212	EP 1984-106400	19840605 <--
EP 117902	A3	19870902		
EP 117902	B1	19911016		
E: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
ES 533097	A1	19850801	ES 1984-533097	19840604 <--
AU 8429099	A1	19841213	AU 1984-29099	19840605 <--
AU 583250	B2	19890427		
IL 72028	A1	19880531	IL 1984 72028	19840605 <--
CA 1184213	A1	19890516	CA 1984-455844	19840605 <--
AT 63490	E	19911115	AT 1984-106400	19840605 <--
FI 8401273	A	19841208	FI 1984-2273	19840606 <--
FI 83216	B	19910228		
FI 83216	C	19910610		
DK 8401795	A	19841208	DK 1984-2795	19840606 <--
NO 8401273	A	19841210	NO 1984-2273	19840606 <--
NO 161451	B	19900219		
NO 161451	C	19900530		
JP 60008277	A2	19850117	JP 1984-114710	19840606 <--
HU 34462	A2	19850328	HU 1984 2192	19840606 <--
HU 194194	B	19880128		
ZA 8404265	A	19860129	ZA 1984 4265	19840606 <--
HU 196771	B	19890130	HU 1987 5132	19840606 <--
SU 1505442	A3	19890830	SU 1984 3752502	19840606 <--
ES 540812	A1	19880316	ES 1985 540812	19850218 <--
SU 1426451	A3	19880923	SU 1986-4024095	19860207 <--
CA 1275652	A2	19901030	CA 1988-580778	19881020 <--
NO 8902178	A	19841210	NO 1989-2178	19890530 <--
NO 169122	B	19920203		

NO 169122 C 19920513
 PRIORITY APPLN INFO..

US 1983-501897	19830607
US 1984-578332	19840214
CA 1984-455844	19840605
EP 1984 106400	19840605
NO 1984-2273	19840606
CA 1985-455844	19850402

G:

P1

R

CH2P2 I

AB The bactericidal oxazolidinones I [R = e.g. NO₂, cyano, HO, HS, (un)substituted amines, alkylsulfonyl, alkylthio, alkylsulfinyl, aryl, sulfamoyl, alkoxy, or carbamoyl; R₁ = H, F, Cl, Br, NO₂; R₂ = alkylenedioxy, R₃ = NH₂, acylamino, N₃, alkylsulfonylamino, alkylsulfinylamino] and their physiol. acceptable salts were prepd. Thus, (1+--)-I (R = 4-MeSO₂, R₁ = H, R₂ = Cl) was treated with NaI and the resulting (1+--)-I (R₂ = iodo) treated with NaN₃ followed by hydrogenation in F₃CCO₂H to give (1+--)-I (R = 4-MeSO₂; R₁ = H, R₂ = NH₂).F₃CCO₂H (II). The min. inhibitory concn. of II was 50 µg/mL against Staphylococcus epidermidis.

IT 96800-04-3P 96800-25-8P 96800-38-3P
 96800-39-4P 96800-40-7P 96800-47-4P
 96800-48-5P 96800-54-3P 96800-57-6P
 96800-79-2P 96844-81-4P

RL: BAC (Biological activity, or effector, except adverse); BSJ (Biological study, unclassified); SPN (Synthetic preparation); BIDL (Biological study); PREP (Preparation)

(prepn. and bactericidal activity of)

RN 96800-04-3 CAPLUS

CN Carbamic acid, [[3-(4-mercaptophenyl)-2-oxo-5-oxazolidinyl]methyl]-, methyl ester, (S) (9CI) (CA INDEX NAME)

Absolute stereochemistry.

SH

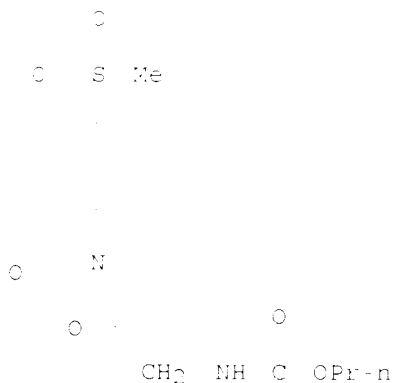
N

S

H

OMe

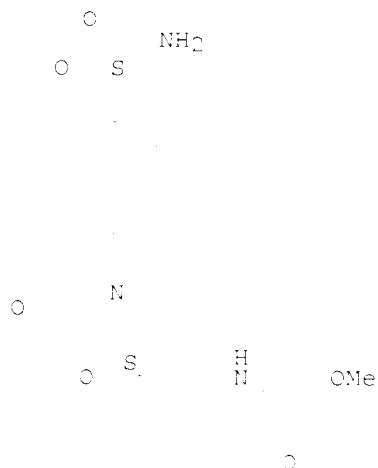
RN 96800-25-8 CAPLUS

CN Carbamic acid, [[3-[4-methylsulfonyl phenyl]-2-oxo-5-oxazolidinyl]methyl]-
propyl ester (9CI) (CA INDEX NAME)

RN 96800-38-3 CAPLUS

CN Carbamic acid, [[3-[4-(aminosulfonyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-
methyl ester, (S)- (9CI) (CA INDEX NAME)

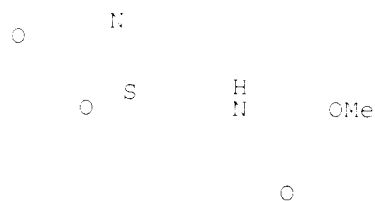
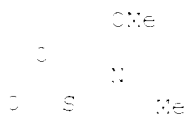
Absolute stereochemistry.



RN 96800-39-4 CAPLUS

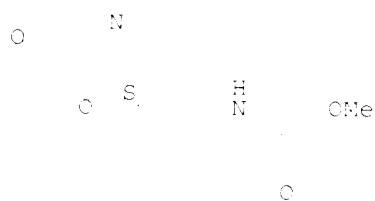
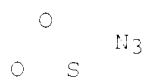
CN Carbamic acid, [[3-[4-[(methoxymethylamino)sulfonyl]phenyl]-2-oxo-5-oxazolidinyl]methyl]-
methyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 96800-40-7 CAPLUS
 CN Carbamic acid, [[3-[4-(azidosulfonyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-
 methyl ester, (S)- (9CI) (CA INDEX NAME)

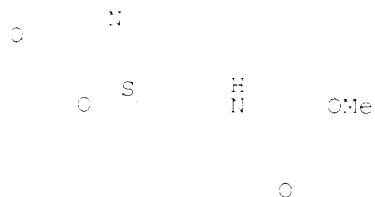
Absolute stereochemistry.



RN 96800-47-4 CAPLUS
 CN Carbamic acid, [[3-[4-(methylthio)phenyl]-2-oxo-5-oxazolidinyl]methyl]-
 methyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

SMe

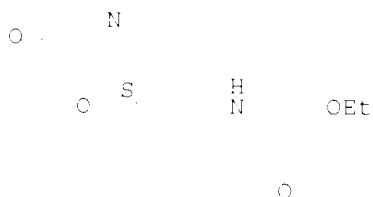


RN 96800-48 5 CAPLUS

CN Carbamic acid, [[3-[4-(methylthio)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, ethyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

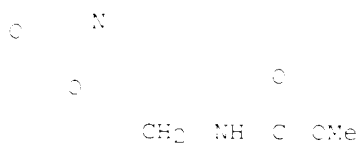
SMe



RN 96800-54 3 CAPLUS

CN Carbamic acid, [[3-[4-(1-methylethyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

i-Pr



Golam Shameem

RN 96800-57-6 CAPLUS

CN Carbamic acid, [[2-oxo-3-[4-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl], methyl ester (9CI) (CA INDEX NAME)

CF₃

O N

O

O

CH₂ NH C OMe

RN 96800-79-2 CAPLUS

CN Carbamic acid, [[3-[4-(methylsulfonyl)phenyl]-2-oxo-5-oxazolidinyl]methyl], methyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

O

Me

O S

O N

O S

H
N

OMe

O

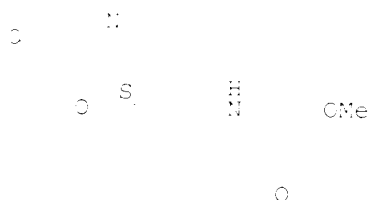
RN 96811-90-1 CAPLUS

CN Carbamic acid, [[3-[4-(1-methylethyl)phenyl]-2-oxo-5-oxazolidinyl]methyl], methyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

15 05 2003

1-Pr



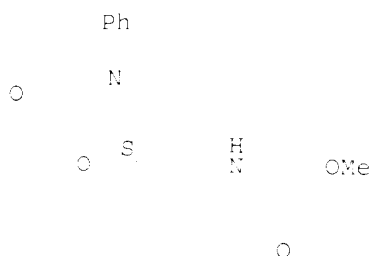
IT 96800-18-9P

PL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); PACT
(Reactant or reagent)
(prepn. and chlorosulfonylation of)

RN 96800-18-9 CAPLUS

CN Carbamic acid, [(2-oxo-3-phenyl-5-oxazolidinyl)methyl]-, methyl ester,
(S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 96800-42-9P

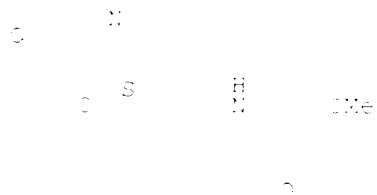
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 96800-42-9 CAPLUS

CN Carbamic acid, [(3-[4-(methylsulfinyl)phenyl]-2-oxo-5-oxazolidinyl)methyl]-,
methyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

1 Me
2



IT 96800-03-2P

PL: PCT Reactant ; SPN Synthetic preparation ; PREP Preparation ; PACT Reactant or reagent

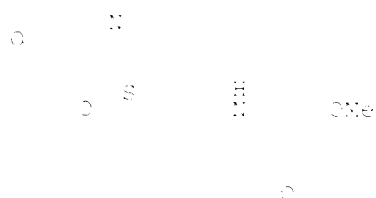
prepn., deacetylation, and bactericidal activity of

RN 96800-03-2 CAPLUS

CN Ethanethioic acid, S-[4-[5-[[methoxycarbonyl amino]methyl] 2-oxo-3-oxazolidinyl]phenyl] ester, (S) (9CI) (CA INDEX NAME)

Absolute stereochemistry.

SAC



IT 96800-19-0P

PL: PCT Reactant ; SPN Synthetic preparation ; PREP Preparation ; PACT Reactant or reagent

prepn., redn., and acetylation of

RN 96800-19-0 CAPLUS

CN Carbamic acid, [[3-[4-chlorosulfonyl phenyl] 2-oxo-5-oxazolidinyl]methyl] methyl ester, (S) (9CI) (CA INDEX NAME)

Absolute stereochemistry.

C
C S C1

C M

C S H ONE

C

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

61.96

210.32

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-8.46

8.46

STN INTERNATIONAL LOGOFF AT 12:10:47 ON 05 MAY 2003